

**Amendments to the Specification**

Please replace the paragraph at page <sup>8</sup>~~9~~, lines <sup>11</sup>~~3~~ through <sup>15</sup>~~7~~ with the following amended paragraph: 1870 02/27/08

State of charge (SOC) is a measure that characterizes electrochemical states of a cell after a charging or discharging process. For example, assume that the full capacity of a cell is 'z' Ah (Ampere-hour). After discharging 0.5z Ah capacity from the fully charged state, the state of charge of the cell is 50%. Likewise, after discharging 0.25z Ah capacity from the fully charged state, the state of charge is ~~[[25%]]~~ 75%, and so on.